

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Thomas S. Wilson, et al. Docket No. : IL-11176
Serial No. : Art Unit :
Filed : Examiner :
For : Shape Memory Polymer Foams for Endovascular Therapies

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
Alexandria, VA 22313-1450

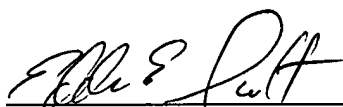
Dear Sir:

Forwarded herewith is an Information Disclosure Statement, Form-1449, in the above-identified application. Copies of the cited references are enclosed: 14 U.S. Patent Documents and 15 Other Disclosures.

The above-mentioned disclosures, which are not admitted as prior art, are identified on the enclosed Form 1449.

Respectfully submitted,

Dated: *March 12, 2004*



Eddie E. Scott
Attorney for Applicant
Registration No. 25,220

Enclosures: As noted above

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				Application Number		
				Filing Date		
				First Named Inventor		
				Group Art Unit		
				Examiner Name		
Sheet	1	of	3	Attorney Docket Number		IL-11176

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		2002/0095169	A1	Maitland, et al.	07-18-2002	
		2002/0113066	A1	Stark, et al.	08-22-2002	
		5,330,483		Heaven, et al.	07-19-1994	
		5,429,583		Paulus, et al.	07-04-1995	
		5,674,242		Phan, et al.	10-07-1997	
		5,762,630		Bley, et al.	06-09-1998	
		5,895,398		Wensel, et al.	04-20-1999	
		5,911,737		Lee, et al.	06-15-1999	
		5,957,966		Schroeppel, et al.	09-28-1999	
		5,964,744		Balbierz, et al.	10-12-1999	
		6,059,815		Lee, et al.	05-09-2000	
		6,090,072		Kratoska, et al.	07-18-2000	
		6,102,917		Maitland, et al.	08-15-2000	
		6,599,234	B1	Gray, et al.	07-29-2003	

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
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¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	
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		First Named Inventor	Thomas S. Wilson, et al.
		Group Art Unit	
		Examiner Name	
Sheet 2 of 3	Attorney Docket Number		IL-11176
OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	
		CETAS, T.C., et al., "A Ferrite Core/Metallic Sheath Thermoseed for Interstitial Thermal Therapies," IEEE Transactions on Biomedical Engineering, Vol. 45, No. 1, January 1998, pp. 68-77	
		OLESON, James R., "A Review of Magnetic Induction Methods for Hyperthermia Treatment of Cancer," IEEE Transactions on Biomedical Engineering, Vol. BME-31, No. 1, January 1984, pp. 91-97	
		SATO, M., et al., "An Experimental Study on a Soft Heating Method for Clinical Application of Interstitial Hyperthermia," IEEE Transactions on Magnetics, Vol. 29, No. 6, November 1993, pp. 3331-3333	
		JOJO, M., et al., "Consideration of Handy Excitation Apparatus for the Inductive Hyperthermia," IEEE Transactions on Magnetics, Vol. 37, No. 4, July 2001, pp. 2944-2946	
		PAULUS, J.A., et al., "Evaluation of Inductively Heated Ferromagnetic Alloy Implants for Therapeutic Interstitial Hyperthermia," IEEE Transactions on Biomedical Engineering, Vol. 43, No. 4, April 1996, pp. 406-413	
		WETZEL, E., et al., "Feasibility of Magnetic Particle Films for Curie Temperature-Controlled Processing of Composite Materials," Army Research Laboratory, ARL-TR-2431, March 2001, 58 pages	
		MCCURRIE, R.A., "Ferromagnetic Materials Structure and Properties," Academic Press, Longon, 1994, 4 pages	
		JORDAN, J., et al., "Inductive Heating of Ferrimagnetic Particles and Magnetic Fluids: Physical Evaluation of Their Potential for Hyperthermia," Int. J. Hyperthermia, Vol. 9, No. 1, 1993, pp. 51-68	
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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS					

		MATSUKI, H., et al., "High Quality Soft Heating Method Utilizing Temperature Dependence of Permeability and Core Loss of Low Curie Temperature Ferrite," IEEE Transactions on Magnetics, Vol. MAG-21, No. 5, September 1985, pp. 1927-1929			
		STAUFFER, P. R., "Observations on the Use of Ferromagnetic Implants for Inducing Hyperthermia," IEEE Transactions on Biomedical Engineering, Vol. BME-31, No. 1, January 1984, pp. 76-90			
		HERGT, R., et al., "Physical Limits of Hyperthermia Using Magnetite Fine Particles, IEEE Transactions on Magnetics, Vol. 34, No. 5, September 1998, pp. 3745-3754			
		STAUFFER, P. R., "Practical Induction Heating Coil Designs for Clinical Hyperthermia with Ferromagnetic Implants," IEEE Transactions on Biomedical Engineering, Vol. 41, No. 1, January 1994, pp. 17-28			
		IRIE, M., "Shape Memory Polymers" (Chapter 9) from book "Shape Memory Materials," Cambridge University Press, United Kingdom, 1998, 19 pages			
		ATKINSON, W. J., et al., "Usable Frequencies in Hyperthermia with Thermal Seeds," IEEE Transactions on Biomedical Engineering, Vol. BME-31, No. 1, January 1984, pp. 70-75			
		KIMURA, I., et al., "VLF Induction Heating for Clinical Hyperthermia," IEEE Transactions on Magnetics, Vol. MAG-22, No. 6, November 1986, pp. 1897-1900			

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